



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

WAKAHARA et al

Atty. Ref.: 2018-852

Serial No. 10/790,779

Group: 2855

Filed: March 3, 2004

Examiner: McCall, Eric

For: THERMOSTAT MALFUNCTION DETECTING SYSTEM FOR ENGINE  
COOLING SYSTEM

\* \* \* \* \*

November 10, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Sir:

**INFORMATION DISCLOSURE STATEMENT**

Attached are Forms PTO-1449 listing the enclosed documents.

The listed documents are partial copies of Service Manuals disclosing DTC P0125 and/or DTC P0128 in regard to malfunction detection.

For the Examiner's information and consideration, e.g., 1997 Service Manual, Corvette, Y-platform teaches an abnormality detection code of DTC P0125 which is provided for a coolant temperature sensor (ECT). Specifically, this code is set when a coolant temperature does not reach a threshold temperature (34°C) within a predetermined period (2 minutes and 20 seconds to 5 minutes) from an engine start-up. This period is determined based on at least the start up coolant temperature and the amount of air flow.

The other Service Manuals teach similar details of abnormality/malfunction detection although directed to different cars or engines. If the Examiner would like copies of the entire respective Service Manuals, please contact the undersigned who will be happy to secure and submit such full copies. Applicant reserves the right to disqualify any or all of the listed documents as prior art with respect to the disclosed and claimed invention.

This Information Disclosure Statement is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice to that effect is earnestly solicited, along with additional time under Rule 97(f), to enable Applicant to comply fully.

Consideration of the foregoing and enclosures plus the return of a copy of the herewith Form PTO-1449 with the Examiner's initials in the left column per MPEP 609 are earnestly solicited.

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The filing of an information disclosure statement shall not be construed as a representation that a search has been made [37 C.F.R. § 1.97(g)], an admission that the information cited is, or is considered to be, material to patentability or that no other material information exists. Further, the filing of an information disclosure statement shall not be construed as an admission against interest in any manner [Commissioner's Notice of January 9, 1992, 1135 O.G. 12-25 at 25].

Respectfully submitted,  
**NIXON & VANDERHYE P.C.**

By:

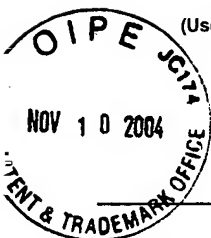


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**INFORMATION DISCLOSURE  
CITATION**

(Use several sheets if necessary)



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Filing Date	TC/A.U.
<b>March 3, 2004</b>	<b>2855</b>

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)**

	1997 Chevrolet Malibu, Oldsmobile Cutlass Service Manual; GMP/97-LN-2; Book 2; L/N Platform; 08/1996; pp 6E-94, 6E-95
	1998 Malibu and Cutlass Service Manual; GMP/09LN-3; L/N Platform; Volume 3; 06/1997; pp 6-562, 6-563, 6-994-995
	1996 Cadillac DeVille/Concours/Eldorado/Seville Service Information; Book 2 Powertrain; E/K Platform; 1996; 6E-96-97
	1996 Cadillac DeVille/Concours/Eldorado/Seville New Product Service Information; 1995; 6E-A-121-122
	1998 DeVille and Eldorado Service Manual; Volume 3; 7/1997; 6-378-379
	1997 DeVille/Eldorado/Seville Service Manual; GMP/97-EK-2; Book 2; 3/1997; 6-338-339
	1996 Cadillac Fleetwood (Rear Wheel Drive) Service Information; Book 2 Powertrain; D Platform; 4/1996; 6E-A-87-89;
	1996 Cadillac Fleetwood New Product Service Information; 1995; 6E3-A-86-88
	1996 Chevrolet Lumina, Monte Carlo, Pontiac Grand Prix, Oldsmobile Cutlass Supreme and Buick Regal Service Manual; GMP/96-W-2P; Book 2 (Preliminary); W Platform; 06/1995; 6E3-A-84 -85
	1996 Chevrolet Lumina, Monte Carlo, Pontiac Grand Prix, Oldsmobile Cutlass Supreme and Buick Regal Service Manual; GMP/96-W-2; Book 2; W Platform; 4/1996; 6E-A-872-874
	1997 Pontiac Grand Prix Service Manual; Book 2; W Platform; 9/1996; 6E-95-96; 6E-521-522
	1997 Buick Century and Regal Service Manual; Book 3; W Platform; 1/1997; 6E-100-101; 6E-570-571
	1998 Pontiac Grand Prix Service Manual; GMP/98-WP-3; Volume 3; W Platform; 5/1997; 6-696-697; 6-1276-1277
	1996 Chevrolet Corsica/Beretta Service Manual; GMP/96-L-2P; Book 2 (Preliminary); L Platform; 6/1995; 6E3-A-76-77; 6E3-A-85
	1996 Chevrolet Corsica/Beretta Service Manual; GMP/96-L-2; Book 2; L Platform; 2/1996; 6E-432-433
	1996 Chevrolet Lumina, Pontiac Trans Sport, Oldsmobile Silhouette Service Manual; GMP/96-U-2P; Book 2 (Preliminary); U-Van Platform; 9/1995; 6E3-A-93-94
	1996 Chevrolet Lumina, Pontiac Trans Sport, Oldsmobile Silhouette Service Manual; GMP/96-U-2; Book 2; U-Van Platform; 3/1996; 6E-96-97
	1997 Chevrolet Venture, Pontiac Trans Sport, and Oldsmobile Silhouette Service Manual; GMP/97-U-2; Book 2; U-Platform; 10/1996; 6E-99-100
	1998 Chevrolet Venture, Pontiac Trans Sport and Oldsmobile Silhouette Service Manual; GMP/98-U-3; Volume 3; U-Platform; 6/1997; 6-456-457
	1997 Pontiac Grand Am, Oldsmobile Achieva and Buick Skylark Service Manual; GMP/97-N-2; Book 2; N-Platform; 05/1996; 6E-93-94; 6E-486-487
	1998 Grand Am, Achieva and Skylark Service Manual; GMP/98-N-3; Volume 3; N Platform; 05/1997; 6-565-566; 6-974
	1996 Park Avenue, LeSabre, Ninety-Eight, Eighty-Eight and Bonneville Service Manual; GMP/96-CH-2P; Book 2 (Preliminary); C/H Platform; 06/1995; 6E3-A-112-113
	1996 Park Avenue, LeSabre, Ninety-Eight, Eighty-Eight and Bonneville Service Manual; GMP/96-CH-2; Book 2; C/H Platform; 03/1996; 6E-114-115
	1997 LeSabre, Eighty-Eight and Bonneville Service Manual; GMP/97-H-2; Book 2; H Platform; 5/1996; 6E-118-119

\*Examiner

Date Considered

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	1998 LeSabre, Eighty-Eight and Bonneville Service Manual; GMP/98-H-3; Volume 3; H Platform; 5/1997; 6-409-410
	1996 Chevrolet Cavalier and Pontiac Sunfire Service Manual; GMP/96-J-2P; Book 2 (Preliminary); J Platform; 5/1995; 6E3-A-78-79; 6E3-A-85-87
	1996 Chevrolet Cavalier and Pontiac Sunfire Service Manual; GMP/96-J-2; Book 2; J Platform; 2/1996; 6E-92-93; 6E-476-477
	1997 Chevrolet Cavalier and Pontiac Sunfire Service Manual; GMP/97-J-2; Book 2; J Platform; 5/1996; 6E-95-96; 6E-502-503
	1995 Chevrolet Camaro and Pontiac Firebird Service Manual Supplement; GMP/95-F-UPD; F Platform; 12/1994; 6E3-A-97; 6E3-A-100
	1996 Chevrolet Camaro and Pontiac Firebird Service Manual; GMP/96-F-2P; Book 2 (Preliminary); F Platform; 6/1995; 6E3-A-96-97; 6E3-A-90-91
	1996 Chevrolet Camaro and Pontiac Firebird Service Manual; GMP/96-F-2; Book 2; F Platform; 3/1996; 6E-103; 6E-547-548
	1997 Chevrolet Camaro and Pontiac Firebird Service Manual; GMP/97-F-2; Book 2; F Platform; 5/1996; 6E-102-103; 6E-566-567
	1998 Chevrolet Camaro and Pontiac Firebird Service Manual; GMP/98-F-3; Volume 3; F Platform; 6/1997; 6-706-707; 6-1280-1281
	1996 Chevrolet Corvette Service Manual; Book 2; Y Platform; 1/1996; 6-366-367
	1997 Corvette Service Manual; GMP/97-Y-3; Book 3; Y Platform; 3/1997; 6-483-484
	1998 Corvette Preliminary Service Manual; Volume 3; Y Platform; 4/1997; 6-480-481
	2000 Service Manual – Pontiac; GMP/00-HP-1; H Platform; Volume 1; 6-418; 6-213
	2000 Service Manual – Buick Le Sabre; 6-357; 6-174
	2000 Service Manual - Chevrolet Cavalier and Pontiac Sunfire; GMP/00-J-1; J-Platform; Volume 1; 6-571; 6-379-380
	2000 Service Manual – Pontiac Grand Am and Oldsmobile Alero; M-Platform; 6-594; 6-426-427
	2001 Service Manual - Chevrolet Cavalier and Pontiac Sunfire; GMP/01-J-1; J-Platform; Volume 1; 6-575; 6-415
	2001 Service Manual – Chevrolet Venture, Pontiac Montana and Oldsmobile Silhouette; GMP/01-U-1; U-Platform; Volume 1; 6-420; 6-250
	2001 Service Manual - Chevrolet Silverado, Suburban, Tahoe and GMC Sierra, Yukon, Yukon XL, Denali, Denali XL; CK8 Truck; GMP/01-CK8-2; Volume 2; 6-2863; 6-1437
	2001 Service Manual - Chevrolet Impala, Monte Carlo; GMP/01-WCI-2; W-Platform; Volume 2; 6-1127; 6-517
	2001 Service Manual - Chevrolet Malibu; L/N-Platform; 6-355; 6-219
	2002 Service Manual - Buick Le Sabre; 6-429; 6-263
	2003 Service Manual - Cadillac CTS; GMP/03-D-1; Volume 1; 6-579; 6-336
	2003 Service Manual - Cadillac Seville; GMP/03-K-1; 6-719; 6-508
	2003 Service Manual - Chevrolet Impala, Monte Carlo; GMP/03-WCI-2; Volume 2; 6-1113; 6-467
	2003 Service Manual - Chevrolet Tahoe, Suburban, Avalanche, GMC Yukon/Yukon XL, Yukon Denali/Yukon XL Denali, Cadillac Escalade/Escalade ESV, Escalade EXT; GMT/03-CKUV-2; Volume 2; 6-1412; 6-619
	2004 Service Manual - Chevrolet Tahoe, Suburban, Avalanche, GMC Yukon/Yukon XL, Yukon Denali/Yukon XL Denali, Cadillac Escalade/Escalade ESV, Escalade EXT; CK8 Truck; 6-897; 6-1464; 6-621
	2004 Service Manual - Buick Rainier, Chevrolet TrailBlazer, GMC Envoy; GMT/04-STNS-2; ST Truck; Volume 2; 6-826; 6-1243; 6-622

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